

Amendments to the Claims

1. (*Currently Amended*) An electroacoustic transducer (1) with a transducer axis (2) and comprising a membrane (8), which membrane (8) is arranged parallel to the transducer axis (2) so as to be oscillatory, and comprising a magnet system (14), which magnet system (14) is equipped with two magnet-system components (16, 18), which magnet-system components (16, 18) bound an air gap (20), and comprising a moving coil (29), which moving coil (29) is, in part, arranged in the air gap (20) and is connected to the membrane (8), and comprising a circuit module (23), which circuit module (23) is equipped with a circuit frame (30) and at least one circuit component (31) of a transducer circuit, mounted on the circuit frame (30), wherein the magnet system (14) is arranged in an annular shape and encloses an inner space (22), which inner space (22) is accessible from outside the magnet system (14) during production of the transducer (1) and before the circuit module (23) is mounted, and wherein the at least one circuit component (31) is arranged on a first carrier surface (32) of the circuit frame (30) which first carrier surface (32) faces the membrane (8), and in the inner space (22) of the magnet system (14).
2. (*Currently Amended*) An electroacoustic transducer (1) as claimed in claim 1, wherein just one single circuit component (31) is provided, which is formed by an integrated circuit (31) connected to circuit frame (30), which integrated circuit (31) forms the transducer circuit.
3. (*Currently Amended*) An electroacoustic transducer (1) as claimed in claim 2, wherein the integrated circuit (31) is embedded in a plastic jacket (33) and wherein two connection contacts (34) are provided on the plastic jacket (33), each of which connection contacts (34) is connected to a moving-coil contact (25).

4. (*Currently Amended*) An electroacoustic transducer (1) as claimed in claim 1, wherein four connecting contacts (36), each having the shape of an annular sector, are provided on a second carrier surface (35) of the circuit frame (30) which second carrier surface (35) faces away from the membrane (8).

5. (*Currently Amended*) An electroacoustic transducer (1) as claimed in claim 5, wherein the circuit module (23) is of a design that can be removed without separate tools.

6. (*Currently Amended*) An electroacoustic transducer (1) as claimed in claim 1, wherein the transducer (1) has a pot-shaped housing (3) wherein, in the direction of the transducer axis, its height has a value between 2.0 mm and 5.0 mm and its diameter perpendicular to the direction of the transducer axis has a value between 6.0 mm and 20.0 mm.